

AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A medicine management system, comprising:

a storage ~~means~~-member for storing medicine information on medicines and combination modification information showing change when a plurality of medicines are combined; and

a combination adequacy judging ~~means~~-member for judging combination adequacy based on the combination modification information stored in the storage ~~means~~ member when two or more medicines are included in information of one or more prescriptions for a certain patient, wherein

the storage ~~means~~-member stores medicine codes associated with respective medicines and combination modification information corresponding to a combination of medicine information which includes three or more medicines and is rearranged according to the medicine codes, and information about presence or absence of occurring combination modification based on the difference of combination order with reference to medicine information, and

the combination adequacy judging ~~means~~-member rearranges the medicine information according to the medicine codes stored in the storage ~~means~~-member when ~~two~~ three or more medicines are included in the prescription information, and ~~makes reference to the storage means according to obtained order and combination of the medicine information, and can judge combination adequacy in each case that combination modification occurs or not due to difference in combination order~~ searches whether or not the order and combination of the rearranged medicine information exists in the combination modification information invoked from the storage member, and judges combination adequacy.

2. **(Currently Amended)** A medicine management system, comprising:

a storage ~~means~~-member for storing medicine information on medicines and combination modification information showing change when a plurality of medicines are combined; and

a combination adequacy judging ~~means~~-member for judging combination adequacy based on the combination modification information stored in the storage ~~means~~ member when two or more medicines are included in prescription information, wherein

the storage ~~means-member~~ stores medicine related information on respective medicines, calculates combinations of two or more medicines by a hash function based on the medicine related information to obtain at least one hash value, and stores combination modification information ~~for every obtained hash values~~ to relate the combination modification information with the at least one hash value obtained, and

when the prescription information includes ~~two~~ three or more medicines, the combination adequacy judging ~~means-member~~ calculates hash values based on the medicine related information stored in the storage ~~means-member~~, and searches whether or not a hash value of the hash values calculated by the combination adequacy judging member corresponds to one of the at least one hash value stored in the storage member, and when the hash value of the hash values calculated by the combination adequacy judging member corresponds to the one of the at least one hash value stored in the storage member, calls corresponding combination modification information from the storage means-member based on the obtained hash values to judge and judges combination adequacy.

3. **(Currently Amended)** The medicine management system as defined in Claim 1, wherein the storage ~~means-member~~ stores a master file in which unrewritable combination modification information is stored and a case card file in which combination modification information can be newly stored, and

during judgment of combination adequacy, the combination adequacy judging ~~means-member~~ judges combination adequacy preferentially based on the combination modification information stored in the case card file in priority to the master file.

4. **(Currently Amended)** The medicine management system as defined in Claim 1, further comprising a display ~~means-member~~ for displaying the combination adequacy judged in the combination adequacy judging ~~means-member~~, wherein

combination modification information on combinations of all medicines displayed in the display ~~means-member~~ can be displayed.

5. **(Currently Amended)** The medicine management system as defined in Claim 4, wherein the combination modification information on combinations of all medicines displayed in the display ~~means~~ member can be changed and can be newly stored in the case card file.

6. **(Currently Amended)** The medicine management system as defined in Claim 4, wherein after a medicine registration screen allowing a plurality of combined medicines to be registered with respect to each combination unit is displayed on the display ~~means~~ member, all combinations among all combination units can be displayed by a list on a combined medicine confirmation screen, and new combination modification information can be inputted and stored in the case card file.

7. **(Currently Amended)** The medicine management system as defined in Claim 4, wherein ~~when combination adequacy is judged by the combination adequacy judging means, and when combination of medicine which occurs combination modification is referred by the storage means, medicine information is rearranged in an appropriate combination order and displayed on the display means~~ the storage member stores the combination order according to combination of the medicine information including the case that the combination modification occurs based on the difference of the combination order, and

the combination adequacy judging member causes the display member to display the medicine information rearranged in the appropriate combination order when the medicine information which occurs the combination modification based on the difference of the combination order is stored in the storage member when the storage member is searched based on the combination of the three or more kinds of rearranged medicine.

8. **(Currently Amended)** The medicine management system as defined in Claim 1, wherein when the prescription information includes two or more medicines, the combination adequacy judging ~~means~~ member selects medicines to be simultaneously administered based on procedure codes stored in the storage ~~means~~ member before rearranging the medicine information according to the medicine codes.

9. **(Currently Amended)** The medicine management system as defined in Claim 2, wherein the storage ~~means-member~~ stores a master file in which unrewritable combination modification information is stored and a case card file in which combination modification information can be newly stored, and

during judgment of combination adequacy, the combination adequacy judging ~~means-member~~ judges combination adequacy preferentially based on the combination modification information stored in the case card file.

10. **(Currently Amended)** The medicine management system as defined in claim 2, further comprising display ~~means-member~~ for displaying the combination adequacy judged in the combination adequacy judging ~~means-member~~, wherein

combination modification information on combinations of all medicines displayed in the display ~~means-member~~ can be displayed.

11. **(Currently Amended)** The medicine management system as defined in claim 3, further comprising display ~~means-member~~ for displaying the combination adequacy judged in the combination adequacy judging ~~means-member~~, wherein

combination modification information on combinations of all medicines displayed in the display ~~means-member~~ can be displayed.

12. **(Currently Amended)** The medicine management system as defined in Claim 5, wherein after a medicine registration screen allowing a plurality of combined medicines to be registered with respect to each combination unit is displayed on the display ~~means-member~~, all combinations among all combination units can be displayed by a list on a combined medicine confirmation screen, and new combination modification information can be inputted and stored in the case card file.

13. **(Currently Amended)** The medicine management system as defined in claim 5, wherein when a stored combination of medicine information has combination modification due to difference in combination order, the storage ~~means-member~~ stores the change, and when the

pertinent combination is referred, medicine information is rearranged in an appropriate combination order and displayed on the display~~means~~ member.

14. **(Currently Amended)** The medicine management system as defined in claim 6, wherein when a stored combination of medicine information has combination modification due to difference in combination order, the storage ~~means~~ member stores the change, and when the pertinent combination is referred, medicine information is rearranged in an appropriate combination order and displayed on the display~~means~~ member.

15. **(Currently Amended)** The medicine management system as defined in Claim 2, wherein when the prescription information includes two or more medicines, the combination adequacy judging ~~means~~ member selects medicines to be simultaneously administered based on procedure codes stored in the storage ~~means~~ member before rearranging the medicine information according to the medicine codes.